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Hu Yongli; Yin Baocai; Sun Yanfeng;
Intelligent Multimedia, Video and Speech Processing, 2004. Proceedings of 20 Symposium on
20-22 Oct. 2004 Page(s):250 - 253
Digital Object Identifier 10.1109/ISIMP.2004.1434047

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☐   2. **A 3D facial combination model based on mesh resampling**
Hu Yongli; Yin Baocai; Cheng Shiquan; Gu Chunliang;
Signal Processing, 2004. Proceedings. ICSP '04. 2004 7th International Confe
Volume 2, 31 Aug.-4 Sept. 2004 Page(s):1231 - 1234 vol.2
Digital Object Identifier 10.1109/ICOSP.2004.1441547

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☐   3. **Eye gaze correction with stereovision for video-teleconferencing**
Ruigang Yang; Zhengyou Zhang;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 26, Issue 7, July 2004 Page(s):956 - 960
Digital Object Identifier 10.1109/TPAMI.2004.27

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☐   4. **3D Face Recognition Using 3D Alignment for PCA**
Russ, T.; Boehnen, C.; Peters, T.;
Computer Vision and Pattern Recognition, 2006 IEEE Computer Society Confe
Volume 2, 2006 Page(s):1391 - 1398
Digital Object Identifier 10.1109/CVPR.2006.13

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Hyun Cheol Lee; Eun Seok Kim; Gi Taek Hur; Hee Young Choi;
Computer and Information Science, 2005. Fourth Annual ACIS International Co
2005 Page(s):228 - 232
Digital Object Identifier 10.1109/ICIS.2005.68

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6. **Mutual information-based 3D surface matching with applications to face ꞏ
brain mapping**
Yalin Wang; Ming-Chang Chiang; Thompson, P.M.;
Computer Vision. 2005. ICCV 2005. Tenth IEEE International Conference on
Volume 1, 17-21 Oct. 2005 Page(s):527 - 534 Vol. 1
Digital Object Identifier 10.1109/ICCV.2005.165

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7. **A 2D Range Hausdorff Approach for 3D Face Recognition**
Russ, T.D.; Koch, M.W.; Little, C.Q.;
Computer Vision and Pattern Recognition. 2005 IEEE Computer Society Confe
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Digital Object Identifier 10.1109/CVPR.2005.561

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8. **Speech-driven face synthesis from 3D video**
Ypsilos, I.A.; Hilton, A.; Turkmani, A.; Jackson, P.J.B.;
3D Data Processing. Visualization and Transmission. 2004. 3DPVT 2004. Proc
International Symposium on
6-9 Sept. 2004 Page(s):58 - 65
Digital Object Identifier 10.1109/TDPVT.2004.1335143

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9. **Vertical 3D interconnect through aligned wafer bonding**
Peizer, R.; Mafthias, T.; Kettner, P.; Lindner, P.; Schaefer, C.;
Electronic Packaging Technology Proceedings. 2003. ICEPT 2003. Fifth Intern
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Islam, R.; Brubaker, C.; Lindner, P.; Schaefer, C.;
Advanced Semiconductor Manufacturing 2002 IEEE/SEMI Conference and Wꞏ
30 April-2 May 2002 Page(s):212 - 217
Digital Object Identifier 10.1109/ASMC.2002.1001606

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Lindner, P.; Dragoi, V.; Glinsner, T.; Schaefer, C.; Islam, R.;
Electronic Components and Technology Conference. 2002. Proceedings. 52nꞏ
28-31 May 2002 Page(s):1439 - 1443
Digital Object Identifier 10.1109/ECTC.2002.1008295

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Ying Shan; Zicheng Liu; Zhengyou Zhang;
Computer Vision. 2001. ICCV 2001. Proceedings. Eighth IEEE International Cꞏ
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Digital Object Identifier 10.1109/ICCV.2001.937687

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Seunghwan Ji; Changyong Yoon; Jungho Park; Mignon Park;
Fuzzy Systems Conference Proceedings, 1999. FUZZ-IEEE '99. 1999 IEEE In
Volume 3, 22-25 Aug. 1999 Page(s):1579 - 1584 vol.3
Digital Object Identifier 10.1109/FUZZY.1999.790140

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Sadowsky, O.; Cohen, J.D.; Taylor, R.H.;
Visualization and Computer Graphics, IEEE Transactions on
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Papadopulos, N.A.; Papadopoulos, M.A.; Sader, R.; Biemer, E.; Zeilhofer, H.F
Medical Imaging, IEEE Transactions on
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Lightwave Technology, Journal of
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Cohen, D.; Gotsman, C.;
Computer Graphics and Applications, IEEE
Volume 14, Issue 2, March 1994 Page(s):10 - 12
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19. **Real-time estimation of long-term 3-D motion parameters for SNHC face a model-based coding applications**

Smolic, A.; Makai, B.; Sikora, T.;
Circuits and Systems for Video Technology, IEEE Transactions on
Volume 9, Issue 2, March 1999 Page(s):255 - 263
Digital Object Identifier 10.1109/76.752093

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Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 47, Issue 5, Sept. 2000 Page(s):1204 - 1216
Digital Object Identifier 10.1109/58.869067

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Sengupta, K.; Chi Chung Ko;
Industrial Electronics, IEEE Transactions on
Volume 48, Issue 5, Oct. 2001 Page(s):904 - 912
Digital Object Identifier 10.1109/41.954554

AbstractPlus | References | Full Text: PDF(216 KB)   IEEE JNL
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James Xia; Ip, H.H.S.; Samman, N.; Wong, H.T.F.; Gateno, J.; Dongfeng Wan
Kot, C.S.B.; Tideman, H.;
Information Technology in Biomedicine, IEEE Transactions on
Volume 5, Issue 2, June 2001 Page(s):97 - 107
Digital Object Identifier 10.1109/4233.924800

AbstractPlus | References | Full Text: PDF(812 KB)   IEEE JNL
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Guest, E.; Berry, E.; Baldock, R.A.; Fidrich, M.; Smith, M.A.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 23, Issue 2, Feb. 2001 Page(s):165 - 179
Digital Object Identifier 10.1109/34.908967

AbstractPlus | References | Full Text: PDF(2340 KB)   IEEE JNL
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Lee, P.C.Y.; Huang, R.;
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 49, Issue 5, May 2002 Page(s):612 - 625
Digital Object Identifier 10.1109/TUFFC.2002.1002460

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25. **Automatic generation of high-quality building models from lidar data**
Rottensteiner, F.;
Computer Graphics and Applications, IEEE
Volume 23, Issue 6, Nov.-Dec. 2003 Page(s):42 - 50
Digital Object Identifier 10.1109/MCG.2003.1242381

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Model-based head pose tracking with stereovision

Ruigang Yang   Zhengyou Zhang
North Carolina Univ., Chapel Hill, NC, USA;

Abstract
We present a robust model-based stereo head tracking algorithm that operates in real tim
PC. The use of an individualized three-dimensional head model, coupled with the epipolar
stereo image pair greatly improves the robustness of the tracking. Experimental results ha
method is able to track all the six degrees of freedom of the rigid part of head motions, ov
period of time, in the presence of large angular and translational head motions, partial occ
dramatic facial expression changes. Applications include human-computer interaction anc
for videoconferencing

Index Terms
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   results   eye-gaze correction   head motions   human-computer interaction   mode
   pose tracking   model-based stereo head tracking   partial occlusions   real time
   of freedom   stereovision   three-dimensional head model   videoconferencing
Author Keywords
Not Available

References

No references available on IEEE Xplore.

Citing Documents

1   Three-dimensional image processing in the future of immersive media, Isgro, F.; Truce
   Schreer, O.
   Circuits and Systems for Video Technology, IEEE Transactions on
   On page(s): 288- 303, Volume: 14, Issue: 3, March 2004
   Abstract | Full Text: PDF (1016)

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   Eye gaze correction with stereovision for video-teleconferencing, Ruigang Yang; Zher
   Pattern Analysis and Machine Intelligence, IEEE Transactions on

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We therefore used a supplementary **inner** lip **model**, shown in Figure 8. Light green
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L11	L10 same model	2	L11

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L12	(recogn$6 or identif$6 or model$3) same (face or facial) same epipolar	23	L12
L13	L12 same (adjust$5 or align$6 or correct$5)	17	L13
L14	L13 same (point or eye or moutn or eye)	2	L14
L15	L13 same (point or eye or mouth or eye)	2	L15
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[Recall Text] [Clear] [Interrupt]

Search History

DATE: Thursday, October 26, 2006   **Purge Queries**   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L1	(match$3 or similar$5) same ((right or left or second) near3 image) same (model or template)	511	L1
L2	L1 same constrain$3	14	L2
L3	L1 same (adjust$6 or align$6)	92	L3
L4	L3 same (face$1 or facial)	5	L4
L5	L1 same (face or facial)	41	L5
L6	L5 same (point or feature or eye or mouth or nose)	27	L6
L7	L6 and epipolar	5	L7
L8	(adjust$5 or align$6 or correct$5 or modif$8) with match$4 with epipolar	12	L8
L9	l1 and l8L8	0	L9
L10	match$4 near10 (facial near2 feature)	128	L10
L11	L10 same ((reference or model or template or known) near5 face)	25	L11
L12	l11 and epipolar	9	L12

L13	L1 same ((geometric$2 or epipolar) near3 constrain$3)2	0	L13
L14	L1 and ((geometric$2 or epipolar) near3 constrain$3)	18	L14
L15	match$3 near5 facial near3 feature	73	L15
L16	L15 same (face near6 (template or reference or model))	21	L16
L17	L16 and ((geometric or epipolar) near3 constrain$2)	9	L17
L18	match$4 same (extract$4 near5 facial near5 feature) same (template or model)	12	L18
L19	L18 and epipolar	0	L19
L20	l1 same (adjust$6 or align$6 or normaliz$6)	114	L20
L21	L20 same constrain$4	4	L21
L22	(face near2 recogn$6)	1507	L22
L23	L22 and (epipolar near2 constrain$3)	11	L23
L24	((first or left or right) near3 image) same ((second or left or right) near3 image) same (reference or modl or template) same (facial or face)	247	L24
L25	L24 same (correlat$4 or match$4)	26	L25
L26	L25 and epipolar	0	L26

END OF SEARCH HISTORY

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L1	7254	(382/118,151,154,159,190,195,199,209,218,294,309).CCLS.	US-PGPUB; USPAT	2006/10/26 11:29	
2	IS&R	L2	2602	(345/419).CCLS.	US-PGPUB; USPAT	2006/10/26 11:15	
3	BRS	L3	2627	((facial or face$1) near5 (model$1 or template$1 or exemplar$1 or known)) same (match$3 or correlat$4 or similar$5)	US-PGPUB; USPAT	2006/10/26 11:16	
4	BRS	L4	212	3 same ((two or pair$1 or second or first or right or left) near4 image$1)	US-PGPUB; USPAT	2006/10/26 11:17	
5	BRS	L5	112	4 same (feature$1 or points or eye$1 or nose or eye$1 or ear$1 or cheek$1 or chin)	US-PGPUB; USPAT	2006/10/26 11:18	
6	BRS	L6	5	5 same (inner or inside or outer or outside)	US-PGPUB; USPAT	2006/10/26 11:20	
7	BRS	L7	18	5 same (adjust$5 or align$5 or correct$5 or modif$7)	US-PGPUB; USPAT	2006/10/26 11:47	
8	BRS	L8	2	7 same (geometric$2 or epipol$3)	US-PGPUB; USPAT	2006/10/26 11:25	
9	BRS	L9	2	8 and epipolar	US-PGPUB; USPAT	2006/10/26 11:28	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
10	IS&R	L10	353	(382/118).CCLS.	USPAT	2006/10/26 11:29	
11	IS&R	L12	651	(382/118).CCLS.	US-PGPUB; USPAT	2006/10/26 11:29	
12	BRS	L13	51	5 and 12	US-PGPUB; USPAT	2006/10/26 11:47	
13	BRS	L14	23	13 and epipolar	US-PGPUB; USPAT	2006/10/26 11:47	
14	BRS	L15	8863	(face$1 or facial) same ((match$4 or similar$5 or correlat$4) near10 (adjust$5 or align$5 or correct$5 or modif$7))	US-PGPUB; USPAT	2006/10/26 11:48	
15	BRS	L16	57	15 same (face$1 near3 (template$1 or model$1))	US-PGPUB; USPAT	2006/10/26 11:49	
16	BRS	L17	12	16 same ((facial near3 feature$1) or eye$1 or mouth or eye$1 or ear$1 or chin or cheek$1)	US-PGPUB; USPAT	2006/10/26 11:53	
17	BRS	L18	1	match$3 near10 (face$1 or facial) near10 epipolar	US-PGPUB; USPAT	2006/10/26 11:54	
18	BRS	L19	13	match$3 same (face$1 or facial) same (model$1 or template$1) same epipolar same (adjust$5 or align$5 or correct$5)	US-PGPUB; USPAT	2006/10/26 11:55	